

## CLAIMS

We CLAIM:

- 1) An apparatus for connecting electrical components comprising:
- a keying element means, for connecting to a predetermined connector;
  - a first component, comprising a first grounding element means;
  - a second component, comprising a second grounding element means, for connecting to said first component;
  - a body element means, having mounted thereon said second component, and having displaced thereon mounting means used for connecting to a printed circuit board;
- whereby, said first and second grounding element means provide a grounding connection to a predetermined ground upon connection of said keying means to said predetermined connector and said body element means to said printed circuit board.
- 2) An apparatus as in claim 1 wherein said keying element means further comprises a standardized connector means.
- 3) An apparatus as in claim 2 wherein said standardized connector means further comprises a FAKRA complaint connector means.
- 4) An apparatus as in claim 1 wherein said first grounding element means is removeably mounted upon said second grounding element means.

5) An apparatus as in claim 4 wherein said first grounding element means comprises an annular grounding element.

6) An apparatus as in claim 1 wherein said body element means further comprises a printed circuit board jack means.

7) An apparatus for connecting electrical components comprising:

- a keying means further comprising a standardized connector means, for connecting to a predetermined connector;

- a first grounding element means;

- a second grounding element means, for removeably connecting to said first grounding element means;

- a body element jack means, having mounted thereon said second grounding element, and having displaced thereon mounting means used for connecting to a printed circuit board;

whereby, said first and second grounding means provide a grounding connection to a predetermined ground upon connection of said keying means to said predetermined connector and said body element jack means to said printed circuit board.

8) A method for connecting electrical components comprising grounding a FAKRA electrical connection by connecting a first grounding element means to a second grounding element means thereby providing an electrical connection and ground for said FAKRA electrical connection.

9) A method for connecting electrical components comprising:

- connecting a first grounding element means to a second grounding element means,

whereby said second grounding element means is mounted to a body element jack means, having displaced thereon mounting means used for connecting to a printed circuit board; and,

- connecting a keying means to said body element jack means;

so that any electrical connection created by connecting said keying means to said body element jack means is grounded by said connection of said first grounding element means to said second grounding element means.

10) An article of manufacture for connecting standardized RF electrical components to a printed circuit board comprising a keying means for receiving a predetermined electrical connection, connected to a body element jack means for mounting to a printed circuit board, with a first grounding element connected to a second grounding element means.